

Human platelet derived growth factor C ELISA Kit | PDGFC elisa kit

Human vascular endothelial cell growth factor E, VEGF-E ELISA Kit

CATALOG #
AAA80793

REACTIVITY
Human

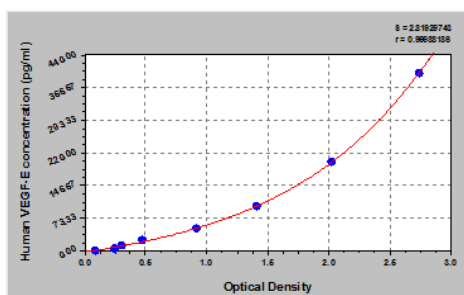
PRODUCT SYNONYMS

platelet derived growth factor C; Human vascular endothelial cell growth factor E; VEGF-E ELISA Kit; FALLOTEIN; SCDGF; platelet-derived growth factor C; secretory growth factor-like protein; spinal cord-derived growth factor; PDGFC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PDGFC. No significant cross-reactivity or interference between Human PDGFC and analogues was observed.
Sequence Length	345
Samples	Serum, urine, cell culture supernates, tissue homogenates
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	1.56 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFC elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to VEGF-E. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for VEGF-E and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain VEGF-E, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of VEGF-E in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9994187
NCBI GeneID	56034
NCBI Accession #	NP_057289.1
NCBI GenBank Nucleotide #	NM_016205.2
UniProt Accession #	Q9NRA1; Q4W5M9; Q9UL22; B4DU34; B9EGR8
Molecular Weight	39,029 Da
NCBI Official Full Name	platelet-derived growth factor C
NCBI Official Synonym Full Names	platelet derived growth factor C
NCBI Official Symbol	PDGFC
NCBI Official Synonym Symbols	SCDGF; FALLOTEIN
NCBI Protein Information	platelet-derived growth factor C; PDGF-C; VEGF-E; spinal cord-derived growth factor; secretory growth factor-like protein
UniProt Protein Name	Platelet-derived growth factor C
UniProt Gene Name	PDGFC
UniProt Synonym Gene Names	SCDGF; UNQ174/PRO200; PDGF-C; SCDGF; PDGFC latent form; PDGFC receptor-binding form
UniProt Entry Name	PDGFC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.